



Safety Data Sheet

Version: 2
Revision Date: 3/31/2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product identifier. 100504
Product name. ODORx 9D9 (EU)
UFI E1PF-N0R0-R008-QKHS

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use. Professional Deodorizer
Uses advised against. Professional Use Only

1.3. Details of the supplier of the safety data sheet

Supplier. Legend Brands
15180 Josh Wilson Road
Burlington, WA 98233
E-Mail: sds@legendbrands.com
800-932-3030

Legend Brands Europe
22 Plover Close Interchange Park
Newport Pagnell MK069PS UK
+44 (0) 1908 611211

Rust-Oleum Europe
Kolenbergstraat 23
3545 Halen, Belgium
+32 (0)13 460 200

1.4. Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
+1-352-323-3500 (International)

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI): +358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790 | par Poison Center Nord: +49 551 19240
(24h available English / German)
National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Ireland +354 543 2222
Iceland Poison Center, Milan (IT): +39 02 6610 1029
Italy 112
Luxembourg National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only
Netherlands available to health professionals)
Norway Poisons Information (NO): + 47 22 591300
Portugal Poison Information Center (PT): +351 800 250 250
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV): +46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111 / 0300 020 0155

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flammable Liquid, category 3
Hazardous to the aquatic environment, Chronic, category 3

Serious Eye Damage, category 1
Skin Sensitizer, category 1

2.2. Label elements



Signal Word

Danger

Hazardous ingredients which must be listed on the label

Contains

BENZOIC ACID, 2-HYDROXY-, METHYL ESTER, ALCOHOLS, C12-15, ETHOXYLATED

Possible Hazards

3.6% of the mixture consists of ingredient(s) of unknown toxicity.

3.6% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

H226	Flammable liquid and vapor.
H412	Harmful to aquatic life with long lasting effects.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor or physician.
P362+P364	Take off contaminated clothing and wash it before reuse.

GHS SDS PRECAUTIONARY STATEMENTS

P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use carbon dioxide to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to an approved waste disposal plant.

2.3. Other hazards

EMERGENCY OVERVIEW: No Information

SECTION 3: Composition/information on ingredients

3.1. Substances

This product is a mixture. Health hazard information is based on its components.

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
ALCOHOLS, C12-15, ETHOXYLATED	68131-39-5	No Information	No Information	>=20 - <30
Isopropyl alcohol	67-63-0	200-661-7	01-2119457558-25-xxxx	>=10 - <20
DIPROPYLENE GLYCOL	25265-71-8	246-770-3	No Information	>=10 - <20

2,4-PENTANEDIOL, 2-METHYL-	107-41-5	203-489-0	No Information	>=3 - <7
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	119-36-8	204-317-7	No Information	>=1 - <3
D-limonene	5989-27-5	227-813-5	No Information	<0.5
2,6-OCTADIENAL, 3,7-DIMETHYL-	5392-40-5	226-394-6	No Information	<0.3
p-Cymene	99-87-6	202-796-7	No Information	<1
Acetaldehyde	75-07-0	200-836-8	No Information	<0.1
Ethylene oxide	75-21-8	200-849-9	No Information	<0.1
Ethylene glycol	107-21-1	203-473-3	01-2119456816-28-XXXX	<1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
ALCOHOLS, C12-15, ETHOXYLATED	Acute Tox. 4 Oral (H302) Eye Dam. 1 (H318) Aquatic Acute 1 (H400)	ATE oral (mg/kg): 1600 mg/kg Rat ATE dermal (mg/kg): 2500 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): 22 mg/l ATE inhalation - dust/mist (mg/l/4h): 6 mg/l
Isopropyl alcohol	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 NE (H336)	ATE oral (mg/kg): 5840 mg/kg (Rat) ATE dermal (mg/kg): 13,900 mg/kg (Rabbit) ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
DIPROPYLENE GLYCOL	Not classified	ATE oral (mg/kg): N.R. ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
2,4-PENTANEDIOL, 2-METHYL-	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Acute Tox. 1 Inhalation (H330)	ATE oral (mg/kg): 3700 mg/kg Rat ATE dermal (mg/kg): 12300 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): >.3 mg/L Rat ATE inhalation - dust/mist (mg/l/4h): N.R.
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	Acute Tox. 4 Oral (H302) Skin Sens. 1B (H317) Repr. 2 (H361D) Aquatic Chronic 3 (H412)	ATE oral (mg/kg): 887 ATE dermal (mg/kg): N.R.
D-limonene	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	ATE oral (mg/kg): 5200 mg/kg, 4400 mg/kg Rat ATE dermal (mg/kg): >5000 mg/kg Rabbit M-Factors: 1
2,6-OCTADIENAL, 3,7-DIMETHYL-	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	ATE oral (mg/kg): 4960 mg/kg Rat ATE dermal (mg/kg): 2250 mg/kg Rabbit
p-Cymene	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Acute Tox. 3 Inhalation (H331) Aquatic Chronic 2 (H411)	ATE oral (mg/kg): 4750 mg/kg Rat ATE dermal (mg/kg): >5000 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): >9.7 mg/L Rat
Acetaldehyde	Flam. Liq. 1 (H224) Acute Tox. 4 Oral (H302) Eye Irrit. 2 (H319) STOT SE 3 RTI (H335) Muta. 2 (H341) Carc. 1B (H350)	ATE oral (mg/kg): 660 mg/kg Rat ATE dermal (mg/kg): 3540 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Ethylene oxide	Flam. Gas 1 (H220) Comp. Gas (H280) Acute Tox. 3 Oral (H301) Skin Corr. 1 (H314) Acute Tox. 3 Inhalation (H331) STOT SE 3 RTI (H335) STOT SE 3 NE (H336) Muta. 1B (H340) Carc. 1B (H350) STOT RE 1 (H372)	ATE oral (mg/kg): 72 mg/kg Rat

Ethylene glycol	Acute Tox. 4 Oral (H302)	ATE oral (mg/kg): 2000 mg/kg (Rat) ATE dermal (mg/kg): 10600 mg/kg Rat ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
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For the full text of the H-Statements mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice.

Call a physician if irritation develops or persists. Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Skin contact.

If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Call a physician if irritation develops or persists. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician.

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media.

Water spray. Foam. Dry powder. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2. Special hazards arising from the substance or mixture

Flash back possible over considerable distance. Hazardous decomposition products formed under fire conditions.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Remove all sources of ignition. Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Remove all sources of ignition. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up**Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment. Remove all sources of ignition.

Methods for cleaning up.

Use personal protective equipment as required.

Other information.

No Information

6.4. Reference to other sections

No Information

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition - No smoking.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

7.3. Specific end use(s)**Specific use(s).**

No Information

Exposure scenario.

No Information Available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limit Values**

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
ALCOHOLS, C12-15, ETHOXYLATED 68131-39-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropyl alcohol 67-63-0	STEL: 800 ppm STEL: 800 ppm STEL: 2000 mg/ m3 STEL: 2000 mg/ m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 400 ppm STEL: 1000 mg/ m3 TWA: 200 ppm TWA: 500 mg/m3	TWA: 200 ppm TWA: 490 mg/m3	N.D.	STEL: 250 ppm STEL: 620 mg/ m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 400 ppm STEL: 980 mg/ m3
DIPROPYLENE GLYCOL 25265-71-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,4- PENTANEDIOL, 2-METHYL- 107-41-5	STEL: 10 ppm STEL: 49 mg/m3 TWA: 10 ppm TWA: 49 mg/m3	STEL: 25 ppm STEL: 123 mg/ m3	N.D.	N.D.	STEL: 40 ppm STEL: 200 mg/ m3 TWA: 25 ppm TWA: 120 mg/m3	STEL: 25 ppm STEL: 125 mg/ m3
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 119-36-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
D-limonene 5989-27-5	N.D.	N.D.	N.D.	N.D.	STEL: 50 ppm STEL: 280 mg/ m3 TWA: 25 ppm TWA: 140 mg/m3	N.D.
2,6- OCTADIENAL, 3,7-DIMETHYL- 5392-40-5	N.D.	TWA: 5 ppm TWA: 32 mg/m3	N.D.	N.D.	N.D.	N.D.
p-Cymene 99-87-6	N.D.	N.D.	TWA: 25 ppm TWA: 135 mg/m3	N.D.	N.D.	N.D.
Acetaldehyde 75-07-0	STEL: 50 ppm STEL: 90 mg/m3 TWA: 50 ppm TWA: 90 mg/m3	TWA: 25 ppm TWA: 46 mg/m3	N.D.	N.D.	STEL: 25 ppm STEL: 46 mg/m3	TWA: 100 ppm TWA: 180 mg/m3
Ethylene oxide 75-21-8	N.D.	TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1.8 mg/m3 TWA: 1 ppm	TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1 ppm TWA: 1.8 mg/m3
Ethylene glycol 107-21-1	STEL: 20 ppm STEL: 52 mg/m3 TWA: 10 ppm TWA: 26 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	TWA: 10 ppm TWA: 26 mg/m3 TWA: 10 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	STEL: 40 ppm STEL: 100 mg/ m3 TWA: 20 ppm TWA: 50 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
ALCOHOLS, C12-15, ETHOXYLATED 68131-39-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropyl alcohol 67-63-0	STEL: 400 ppm STEL: 1000 mg/ m3 TWA: 200 ppm TWA: 500 mg/m3	TWA: 200 ppm TWA: 490 mg/m3	STEL: 400 ppm TWA: 200 ppm	N.D.	N.D.	N.D.
DIPROPYLENE GLYCOL 25265-71-8	STEL: 200 mg/ m3 TWA: 100 mg/m3	N.D.	N.D.	N.D.	N.D.	N.D.
2,4- PENTANEDIOL, 2-METHYL- 107-41-5	STEL: 20 ppm STEL: 98 mg/m3 TWA: 10 ppm TWA: 49 mg/m3	STEL: 25 ppm STEL: 125 mg/ m3	STEL: 25 ppm STEL: 125 mg/ m3	N.D.	N.D.	N.D.
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 119-36-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
D-limonene 5989-27-5	STEL: 20 ppm STEL: 112 mg/ m3 TWA: 5 ppm TWA: 28 mg/m3	N.D.	N.D.	N.D.	N.D.	N.D.
2,6- OCTADIENAL, 3,7-DIMETHYL- 5392-40-5	N.D.	N.D.	STEL: 15 ppm TWA: 5 ppm	N.D.	N.D.	N.D.
p-Cymene 99-87-6	N.D.	TWA: 25 ppm TWA: 135 mg/m3	N.D.	N.D.	N.D.	N.D.
Acetaldehyde 75-07-0	STEL: 50 ppm STEL: 91 mg/m3 TWA: 50 ppm TWA: 91 mg/m3	STEL: 25 ppm STEL: 45 mg/m3	STEL: 25 ppm STEL: 45 mg/m3	N.D.	N.D.	STEL: 92 mg/m3 TWA: 37 mg/m3
Ethylene oxide 75-21-8	N.D.	TWA: 1 ppm TWA: 1.8 mg/m3	STEL: 3 ppm STEL: 5.4 mg/m3 TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1.8 mg/m3 TWA: 1 ppm	N.D.	TWA: 0.84 mg/ m3

Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
Ethylene glycol 107-21-1	STEL: 20 ppm STEL: 52 mg/m3 TWA: 10 ppm TWA: 26 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 10 ppm TWA: 26 mg/m3 TWA: 10 ppm TWA: 26 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	STEL: 104 mg/ m3 TWA: 52 mg/m3 TWA: 10 mg/m3
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
ALCOHOLS, C12-15, ETHOXYLATED 68131-39-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropyl alcohol 67-63-0	STEL: 150 ppm STEL: 306.25 mg/m3 TWA: 100 ppm TWA: 245 mg/m3	STEL: 400 ppm TWA: 200 ppm	STEL: 400 ppm STEL: 1000 mg/ m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 250 ppm STEL: 600 mg/ m3 TWA: 150 ppm TWA: 350 mg/m3	STEL: 400 ppm STEL: 1000 mg/ m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 500 ppm STEL: 1250 mg/ m3 TWA: 400 ppm TWA: 999 mg/m3
DIPROPYLENE GLYCOL 25265-71-8	N.D.	N.D.	N.D.	N.D.	STEL: 280 mg/ m3 TWA: 140 mg/m3	N.D.
2,4- PENTANEDIOL, 2-METHYL- 107-41-5	N.D.	N.D.	STEL: 25 ppm STEL: 123 mg/ m3	STEL: 25 ppm STEL: 120 mg/ m3	STEL: 20 ppm STEL: 98 mg/m3 TWA: 10 ppm TWA: 49 mg/m3	STEL: 25 ppm STEL: 123 mg/ m3 TWA: 25 ppm TWA: 123 mg/m3
BENZOIC ACID, 2-HYDROXY- METHYL ESTER 119-36-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
D-limonene 5989-27-5	STEL: 37.5 ppm STEL: 175 mg/ m3 TWA: 25 ppm TWA: 140 mg/m3	N.D.	TWA: 30 ppm TWA: 168 mg/m3	N.D.	STEL: 14 ppm STEL: 80 mg/m3 TWA: 7 ppm TWA: 40 mg/m3	N.D.
2,6- OCTADIENAL, 3,7-DIMETHYL- 5392-40-5	N.D.	TWA: 5 ppm	TWA: 5 ppm	N.D.	N.D.	N.D.
p-Cymene 99-87-6	N.D.	N.D.	N.D.	STEL: 35 ppm STEL: 190 mg/ m3 TWA: 25 ppm TWA: 140 mg/m3	N.D.	N.D.
Acetaldehyde 75-07-0	STEL: 37.5 ppm STEL: 67.5 mg/ m3 TWA: 25 ppm TWA: 45 mg/m3	N.D.	STEL: 25 ppm STEL: 46 mg/m3	STEL: 50 ppm STEL: 90 mg/m3 TWA: 25 ppm TWA: 45 mg/m3	STEL: 50 ppm STEL: 90 mg/m3 TWA: 90 mg/m3 TWA: 50 ppm	STEL: 50 ppm STEL: 92 mg/m3 TWA: 20 ppm TWA: 37 mg/m3
Ethylene oxide 75-21-8	STEL: 3 ppm STEL: 3.6 mg/m3 TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1 ppm TWA: 1.8 mg/m3	STEL: 5 ppm STEL: 9 mg/m3 TWA: 1 ppm TWA: 1.8 mg/m3	TWA: 1 ppm TWA: 1.8 mg/m3	STEL: 3 ppm STEL: 5.4 mg/m3 TWA: 1 ppm TWA: 1.8 mg/m3
Ethylene glycol 107-21-1	STEL: 104 mg/ m3 STEL: 40 ppm TWA: 20 ppm TWA: 52 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 20 ppm TWA: 52 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 TWA: 10 ppm TWA: 25 mg/m3	STEL: 20 ppm STEL: 52 mg/m3 TWA: 10 ppm TWA: 26 mg/m3	STEL: 40 ppm STEL: 104 mg/ m3 STEL: 30 mg/m3 TWA: 10 mg/m3 TWA: 20 ppm TWA: 52 mg/m3

TWA: Time weighted average

STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (PNEC)

No Information Available

8.2. Exposure controls**Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.**Eye/Face Protection.**

Safety glasses with side-shields.

Skin and body protection.

Wear suitable protective clothing.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental Exposure Controls.

No Information

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	transparent
Colour	colorless to straw
Odour	Wintergreen
Odour Threshold	No Information
pH	7.7
Melting Point, °C	No Information
Flash Point, °C	27
Boiling Range, °C	108 - 516
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	4.3
Vapor density	No Information
Specific Gravity (g/cm³)	0.970
Solubility in water	No Information
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information
Viscosity	No Information

9.2. Other information

Volatile organic compounds (VOC) content.	210
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9.2.1. Information with regard to physical hazard classes

No Information

9.2.2. Other safety characteristics

Evaporation rate	No Information Available
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SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under normal conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

Strong oxidizing agents.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition productsCarbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity.**

Based on available data, the classification criteria are not met.

Product Information

Oral LD50	Dermal LD50	Inhalation LC50
3,502.00	18,139.00	320.70

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	3,502.0 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-vapor)	320.70 mg/l

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
68131-39-5	ALCOHOLS, C12-15, ETHOXYLATED	1600 mg/kg Rat	2500 mg/kg Rabbit	22 mg/l
67-63-0	Isopropyl alcohol	5840 mg/kg (Rat)	13,900 mg/kg (Rabbit)	N.R.
25265-71-8	DIPROPYLENE GLYCOL	N.R.	N.R.	N.R.
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	3700 mg/kg Rat	12300 mg/kg Rabbit	>.3 mg/L Rat
119-36-8	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	887	N.R.	N.R.
5989-27-5	D-limonene	5200 mg/kg, 4400 mg/kg Rat	>5000 mg/kg Rabbit	N.R.
5392-40-5	2,6-OCTADIENAL, 3,7-DIMETHYL-	4960 mg/kg Rat	2250 mg/kg Rabbit	N.R.
99-87-6	p-Cymene	4750 mg/kg Rat	>5000 mg/kg Rabbit	>9.7 mg/L Rat
75-07-0	Acetaldehyde	660 mg/kg Rat	3540 mg/kg Rabbit	N.R.
75-21-8	Ethylene oxide	72 mg/kg Rat	N.R.	800 ppm Rat
107-21-1	Ethylene glycol	2000 mg/kg (Rat)	10600 mg/kg Rat	N.R.

Skin corrosion/irritation.

SKIN IRRITANT.

11.2. Information on other hazards**Endocrine disrupting properties**

N.A.

Other information.

N.A.

SECTION 12: Ecological information**12.1. Toxicity**

40.95% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
ALCOHOLS, C12-15, ETHOXYLATED 68131-39-5	N.D.	N.D.	N.D.

Isopropyl alcohol 67-63-0	EC50 96 h <i>Desmodesmus subspicatus</i> >1000 mg/L, EC50 72 h <i>Desmodesmus subspicatus</i> >1000 mg/L	LC50 96 h <i>Pimephales promelas</i> 9640 mg/L, LC50 96 h <i>Pimephales promelas</i> 11130 mg/L, LC50 96 h <i>Lepomis macrochirus</i> >1400000 µg/L	EC50 48 h <i>Daphnia magna</i> 13299 mg/L
DIPROPYLENE GLYCOL 25265-71-8	N.D.	N.D.	N.D.
2,4-PENTANEDIOL, 2-METHYL- 107-41-5	N.D.	LC50 96 h <i>Pimephales promelas</i> 10500 - 11000 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 10000 mg/L, LC50 96 h <i>Pimephales promelas</i> 8690 mg/L, LC50 96 h <i>Pimephales promelas</i> 10700 mg/L	EC50 48 h <i>Daphnia magna</i> 2700 - 3700 mg/L
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 119-36-8	N.D.	N.D.	N.D.
D-limonene 5989-27-5	N.D.	LC50 96 h <i>Pimephales promelas</i> 0.619 - 0.796 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 35 mg/L	N.D.
2,6-OCTADIENAL, 3,7-DIMETHYL- 5392-40-5	EC50 72 h <i>Desmodesmus subspicatus</i> 16 mg/L, EC50 96 h <i>Desmodesmus subspicatus</i> 19 mg/L	N.D.	EC50 48 h <i>Daphnia magna</i> 7 mg/L
p-Cymene 99-87-6	N.D.	N.D.	N.D.
Acetaldehyde 75-07-0	N.D.	LC50 96 h <i>Pimephales promelas</i> 28.0 - 34.0 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 53 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 1.8 - 2.4 mg/L, LC50 96 h <i>Pimephales promelas</i> 39.8 - 46.8 mg/L	EC50 48 h <i>Daphnia magna</i> 3.64 - 6.15 mg/L, EC50 48 h <i>Daphnia magna</i> 48.3 mg/L
Ethylene oxide 75-21-8	N.D.	LC50 96 h <i>Pimephales promelas</i> 73 - 96 mg/L	LC50 48 h <i>Daphnia magna</i> 137 - 300 mg/L
Ethylene glycol 107-21-1	EC50 96 h <i>Pseudokirchneriella subcapitata</i> 6500 - 13000 mg/L	LC50 96 h <i>Oncorhynchus mykiss</i> 41000 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 14 - 18 mL/L, LC50 96 h <i>Lepomis macrochirus</i> 27540 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 40761 mg/L, LC50 96 h <i>Pimephales promelas</i> 40000 - 60000 mg/L, LC50 96 h <i>Poecilia reticulata</i> 16000 mg/L	EC50 48 h <i>Daphnia magna</i> 46300 mg/L

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
68131-39-5	ALCOHOLS, C12-15, ETHOXYLATED	N.I.	N.I.
67-63-0	Isopropyl alcohol	N.I.	0.05
25265-71-8	DIPROPYLENE GLYCOL	0.3 - 1.4	-0.462
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	N.I.	<0.14
119-36-8	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	N.I.	2.55
5989-27-5	D-limonene	N.I.	4.38
5392-40-5	2,6-OCTADIENAL, 3,7-DIMETHYL-	N.I.	2.76
99-87-6	p-Cymene	N.I.	4.8
75-07-0	Acetaldehyde	N.I.	0.45 - 0.63
75-21-8	Ethylene oxide	N.I.	-0.3
107-21-1	Ethylene glycol	N.I.	-1.36

12.4. Mobility in soil**Mobility in soil.**

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste from residues / unused products.**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging.

No Information

Other information.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information**ADR**

14.1. UN number or ID number	1993
14.2. UN proper shipping name	Flammable Liquid, N.O.S. (Isopropanol)
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions for user	Limited quantity if inner containers are 1 gallon or less

IMDG

14.1. UN number or ID number	1993
14.2. UN proper shipping name	Flammable Liquid, N.O.S. (Isopropanol)
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5 Marine Pollutant	No.
Environmental hazards	No.

14.6. Special precautions for user	Limited quantity if inner containers are 1 gallon or less
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	1993
14.2. UN proper shipping name	Flammable Liquid, N.O.S. (Isopropanol)
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions for user	not recommended for air transport

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**National regulatory information.**

Germany WGK Classification 3

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
67-63-0	Isopropyl alcohol	RG 84
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	RG 84
5989-27-5	D-limonene	RG 84
75-07-0	Acetaldehyde	RG 84
75-21-8	Ethylene oxide	RG 66
107-21-1	Ethylene glycol	RG 84

European Union.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
67-63-0	Isopropyl alcohol	No.	Yes.
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	No.	Yes.
119-36-8	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	No.	Yes.
5989-27-5	D-limonene	No.	Yes.
5392-40-5	2,6-OCTADIENAL, 3,7-DIMETHYL-	No.	Yes.
75-07-0	Acetaldehyde	No.	Yes.
75-21-8	Ethylene oxide	No.	Yes.

EU Substances of Very High Concern

None

International Inventories.

TSCA	-
DSL	-

EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AIIC	-
NZIoC	-
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Industrial Chemicals.
NZIoC	New Zealand Inventory of Chemicals.

15.2. Chemical safety assessment

No.

SECTION 16: Other information

Revision Date	3/31/2023
Indication of changes:	Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.